July 2007



DEPARTMENT OF EDUCATION

2006-2007 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. The *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2006-2007 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science and technology at grades 4 and 8, based on achievement standards set last year and disaggregated by student and school characteristics. The reports also contain baseline status in writing at grades 5 and 8, reported according to new standards set this year through a process approved by advisory committees and informed by Maine teachers. This report, together with MEA individual student and subject specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The writing reports provide information on a student's ability to respond to a prompt measuring narrative writing at grade 5 and persuasive/argumentative writing at grade 8. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Lusan A. Lendron

Sincerely

Susan A. Gendron

Commissioner of Education



School Report Grade 8

Test Date: March 2007 (Reports Revised October 2007)

ID: 11701421

District: Waterville Public Schools

School: Waterville Junior High School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

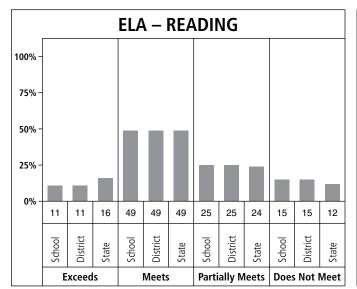
Date: March 2007

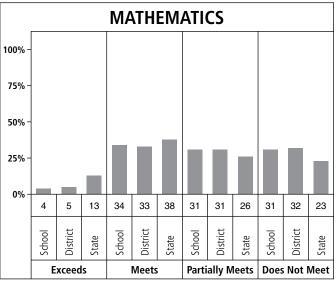
Grade:

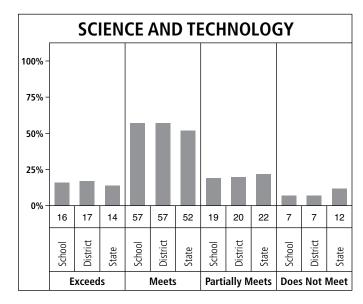
District: Waterville Public Schools
School: Waterville Junior High School

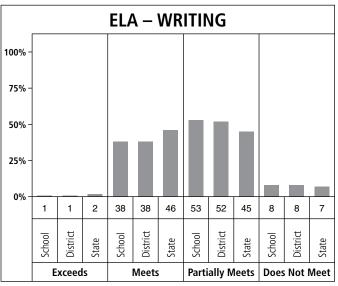
Summary of School, District, and State Scores

Year	Avera	age Scaled S	Score
ieai	School	District	State
ELA – Reading 2005–2006 2006–2007 Cum. Avg. *	839 845 842	839 845 842	845 847 846
Mathematics 2005–2006 2006–2007 Cum. Avg.*	838 837 838	838 837 838	840 842 841
Science & Technology 2005–2006 2006–2007 Cum.Avg.*	848 850 849	848 850 849	846 847 846
ELA – Writing 2005–2006 2006–2007 Cum.Avg.*	834 834	834 834	836 836









^{*}Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.



SUMMARY OF STUDENT PARTICIPATION

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

			Er	rol	lme	nt¹								C	ON	TE	NT	AR	EΑ	PA	RT	ICI	PA	TIO	N ²						
CATE	GORY OF	(durin	g test	ing v	vindo	w			ELA-F	Readin	g				Mathe	matic	s			Scien	ce and	l Tech	nology				ELA-	Writing	<u> </u>	
PART	ICIPATION	Sc	hool	Dis	trict	St	ate	Sc	hool	Dis	trict	St	tate	Scl	nool	Dis	strict	St	ate	Scl	nool	Dis	trict	St	ate	Sch	nool	Dis	strict	Sta	ıte
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total num	ber of students	143	100	142	100	15800	100	138	98	137	98	15584	99	137	97	136	97	15578	99	137	97	136	97	15540	99	138	98	137	98	15463	98
Ethnicity	African American	2	1	2	1	339	2	2	100	2	100	330	98	2	100	2	100	331	99	2	100	2	100	326	97	2	100	2	100	318	95
	American Indian/Native Alaskan	0	0	0	0	108	1	0	0	0	0	104	98	0	0	0	0	104	98	0	0	0	0	102	96	0	0	0	0	103	97
	Asian/Pacific Islander	4	3	4	3	194	1	3	75	3	75	189	98	3	75	3	75	189	98	3	75	3	75	188	98	3	75	3	75	188	98
	Hispanic	5	3	5	4	160	1	4	80	4	80	152	96	3	60	3	60	152	96	3	60	3	60	149	94	3	60	3	60	148	94
	White	132	92	131	92	14997	95	129	99	128	99	14807	99	129	99	128	99	14800	99	129	99	128	99	14773	99	130	100	129	100	14704	98
	Not Reported	0	0	0	0	2	0	0	0	0	0	2	100	0	0	0	0	2	100	0	0	0	0	2	100	0	0	0	0	2	100
Identified	disability	27	19	27	19	2649	17	25	100	25	100	2560	97	25	100	25	100	2557	97	25	100	25	100	2539	97	25	100	25	100	2504	95
Current LI	EP	1	1	1	1	280	2	1	100	1	100	274	99	1	100	1	100	275	99	1	100	1	100	267	96	1	100	1	100	263	95
Economic	ally disadvantaged	75	52	74	52	5600	35	70	96	69	96	5479	98	69	95	68	94	5476	98	69	95	68	94	5452	98	70	96	69	96	5411	97
Migrant		0	0	0	0	8	0	0	0	0	0	7	88	0	0	0	0	7	88	0	0	0	0	7	88	0	0	0	0	7	88

MODE OF			ELA-R	eadin	g				Mathe	matics	3			Scien	ce and	Techr	nology				ELA-V	Vriting	
	Sc	hool	Dis	trict	St	ate	Sch	ool	Dis	trict	Sta	ate	Sch	nool	Dis	trict	Sta	ate	Sch	nool	Dist	trict	State
PARTICIPATION ³	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n %
Participation without accommodations	111	78	110	77	13056	83	110	77	109	77	13057	83	109	76	108	76	13065	83	111	78	110	77	13033 82
Identified disability (PET/IEP)	1	1	1	1	474	4	1	1	1	1	477	4	1	1	1	1	488	4	1	1	1	1	492 4
LEP	0	0	0	0	148	1	0	0	0	0	150	1	0	0	0	0	146	1	0	0	0	0	148 1
504 plan	1	1	1	1	186	1	1	1	1	1	185	1	1	1	1	1	185	1	1	1	1	1	184 1
Participation with accommodations	24	17	24	17	2283	14	24	17	24	17	2281	14	25	17	25	18	2248	14	24	17	24	17	2198 14
Identified disability (PET/IEP)	21	88	21	88	1855	81	21	88	21	88	1848	81	21	84	21	84	1831	81	21	88	21	88	1790 81
LEP	1	4	1	4	112	5	1	4	1	4	117	5	1	4	1	4	113	5	1	4	1	4	107 5
504 plan	2	8	2	8	60	3	2	8	2	8	61	3	2	8	2	8	60	3	2	8	2	8	61 3
Other	0	0	0	0	284	12	0	0	0	0	284	12	1	4	1	4	272	12	0	0	0	0	268 12
Participation through alternate assessment (PAAP)	3	2	3	2	239	2	3	2	3	2	240	2	3	2	3	2	227	1	3	2	3	2	232 1
Identified disability (PET/IEP)	3	100	3	100	230	96	3	100	3	100	232	97	3	100	3	100	220	97	3	100	3	100	222 96
LEP	0	0	0	0	8	3	0	0	0	0	8	3	0	0	0	0	8	4	0	0	0	0	8 3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
Approved non-participation in reading – 1st year LEP	0	0	0	0	6	0				į													
Approved non-participation – special consideration	2	1	2	1	41	0	2	1	2	1	45	0	2	1	2	1	45	0	2	1	2	1	45 0
Non-participation – other	3	2	3	2	175	1	4	3	4	3	177	1	4	3	4	3	215	1	3	2	3	2	292 2

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.



ELA-READING RESULTS

Date: March 2007 8

Grade:

Waterville Public Schools District: **Waterville Junior High School** School:

STUDENTS AT EACH ACHIEVEMENT LEVEL

A COMPANY DATE OF THE PROPERTY		6.1		D:			
ACHIEVEMENT LEVEL DEFINITIONS		Scr	nool	Dis	trict	Sta	ite
The quality of a student's work at each achievement level reflects progress in attaining Maine Level Expectations in English language arts – reading.	's Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 861–880)	2005-2006	8	5	8	5	2695	17
	2006-2007	15	11	15	11	2407	16
	Cum. Avg.	12	8	12	8	2551	16
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 841–860)	2005-2006	76	45	75	44	6830	42
	2006-2007	66	49	66	49	7494	49
	Cum. Avg.	71	46	71	46	7162	45
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 829–840)	2005-2006	39	23	39	23	3741	23
	2006-2007	34	25	33	25	3628	24
	Cum. Avg.	37	24	36	24	3685	23
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 800–828)	2005-2006	46	27	47	28	3003	18
	2006-2007	20	15	20	15	1810	12
	Cum. Avg.	33	22	34	22	2407	15

	Nun	nber	A	verage Poir	nts Attaine	d (Number	and Percer	nt)
Learning Results Content Standard Cluster		oints sible	Sch	ool	Dist	trict	Sta	ate
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	35.5	63.4	35.5	63.4	36.5	65.2
Literary Text	28	50	17.5	62.5	17.6	62.9	18.0	64.3
Informational Text	28	50	17.9	63.9	17.9	63.9	18.5	66.1

The Maine Learning Results reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short authentic texts, selected from developmentally appropriate published works. Items on the MEA measure Grade Level Expectations, based on Maine's Learning Results, which can be found at http://www. maine.gov/education/lsalt/gles.htm.



ELA-READING RESULTS

(CONTINUED)

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

						nool							Dic	trict					Ç+:	ate		
REPORTING CATEGORIES	Tested		E		M		P		D	Mean	Tested	E	М	P	D	Mean	Tested	E	М	Р	D	Mean
CATEGORIES										Scaled Score						Scaled Score						Scaled Score
All Students	N 135	N 15	% 11	N 66	% 49	N 34	% 25	N 20	% 15	845	N 134	% 11	% 49	% 25	% 15	845	N 15339	% 16	% 49	% 24	% 12	847
Ethnicity African American American Indian/Native Alaskan Asian/Pacific Islander Hispanic White Not Reported	2 0 3 4 126 0	13	10	62	49	33	26	18	14	845	2 0 3 4 125 0	10	50	26	14	845	313 103 187 148 14586 2	6 7 17 9 16	42 35 47 45 49	27 38 24 28 23	26 20 13 18 11	840 839 848 843 847
Identified disability Yes No	22 113	1 14	5 12	4 62	18 55	5 29	23 26	12 8	55 7	832 848	22 112	5 13	18 55	23 25	55 7	832 848	2329 13010	1 18	18 54	37 21	44 6	830 850
Limited English proficient students Current LEP in first year Current LEP beyond first year	0										0 1						5 255	0 2	0 30	40 31	60 36	820 834
Economically disadvantaged Yes No	67 68	3 12	4 18	23 43	34 63	25 9	37 13	16 4	24 6	840 851	66 68	5 18	35 63	36 13	24 6	840 851	5325 10014	7 20	41 53	31 20	21 7	841 851
Migrant Yes No	0 135	15	11	66	49	34	25	20	15	845	0 134	11	49	25	15	845	7 15332	0 16	14 49	57 24	29 12	836 847
Gender Female Male Not Reported	67 68 0	10 5	15 7	32 34	48 50	18 16	27 24	7 13	10 19	847 843	67 67 0	15 7	48 51	27 22	10 19	847 844	7516 7821 2	21 10	50 47	20 27	8 16	850 844
Title 1A targeted program Yes No	0 135	15	11	66	49	34	25	20	15	845	0 134	11	49	25	15	845	803 14536	5 16	36 50	38 23	20 11	840 848
Gifted/talented program Yes No	0 135	15	11	66	49	34	25	20	15	845	0 134	11	49	25	15	845	555 14784	58 14	39 49	3 24	0 12	864 847

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

I = Number



ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

a.	140.		•				,															
					Sch	ool							Dist	rict					Sta	ite		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ı	И		P		D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled
	%	N	%	N	%	N	%	N	%] 50010	%	%	%	%	%	Jeore	%	%	%	%	%	Jeore
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	13 45 39 4	0 4 11 0	0 7 21 0	8 32 23 3	47 53 44 60	3 15 16 0	18 25 31 0	6 9 2 2	35 15 4 40	837 845 849 841	13 45 38 4	0 7 22 0	47 53 45 60	18 25 29 0	35 15 4 40	837 845 849 841	8 48 39 5	6 13 20 23	35 50 51 45	30 25 21 19	29 12 7 14	838 847 850 849
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	37 51 12 1	7 7 1 0	14 10 6 0	26 35 5 0	53 51 31 0	11 15 7 1	22 22 44 100	5 11 3 0	10 16 19 0	847 847 839 838	37 50 12 1	14 10 6 0	53 52 31 0	22 21 44 100	10 16 19 0	847 847 839 838	34 52 11 3	22 14 8 5	52 51 38 31	19 25 32 29	8 10 22 36	851 847 841 835
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	35 46 16 3	12 3 0	26 5 0	29 32 5 0	62 52 24 0	1 18 12 3	2 29 57 75	5 9 4 1	11 15 19 25	854 843 838 829	35 47 15 3	26 5 0	62 52 25 0	2 29 55 75	11 15 20 25	854 843 838 829	29 49 19 3	32 12 3 2	52 54 36 25	11 24 39 35	5 10 22 37	855 847 838 833
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	8 66 26	0 9 6	0 10 18	2 47 16	18 53 47	5 21 8	45 24 24	4 11 4	36 13 12	832 846 848	8 67 26	0 10 18	20 53 47	40 24 24	40 13 12	831 846 848	14 63 23	10 16 20	40 50 52	27 24 19	23 10 9	841 848 850
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	13 49 39	0 6 9	0 9 17	2 28 36	12 43 69	11 19 4	65 29 8	4 12 3	24 18 6	833 844 852	13 48 39	0 9 17	12 44 69	65 28 8	24 19 6	833 844 852	7 51 41	3 11 24	28 48 55	34 28 15	36 12 6	834 845 852
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	46 44 10	6 8 1	10 14 8	27 33 5	44 57 38	21 9 4	34 16 31	7 8 3	11 14 23	845 848 841	46 44 10	10 14 8	45 57 38	33 16 31	12 14 23	845 848 841	41 52 6	16 17 7	48 51 39	24 22 30	11 10 24	847 848 840
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	24 42 10 25	5 9 1 0	16 16 8 0	16 32 6 12	50 57 46 36	4 13 4 13	13 23 31 39	7 2 2 8	22 4 15 24	847 850 844 838	24 42 10 24	16 16 8 0	50 57 46 38	13 23 31 38	22 4 15 25	847 850 844 838	18 41 14 27	21 20 14 6	52 51 48 45	19 20 26 31	8 9 13 18	851 850 846 842
How do you feel about the following statement? "My knowledge of reading will be useful to me as an adult." A. strongly agree B. agree C. disagree D. strongly disagree	49 46 4 1	10 4 1 0	15 6 20 0	35 30 1 0	54 48 20 0	11 18 3 2	17 29 60 100	9 10 0	14 16 0	847 844 846 836	49 47 3 2	15 6 25 0	54 48 25 0	17 29 50 100	14 16 0 0	847 844 848 836	44 48 5 2	22 12 4 3	52 48 42 33	18 27 31 34	8 13 23 30	851 845 840 836
Optional school/district question A. B. C. D.	38 29 17 17	2 0 0 1	22 0 0 25	5 2 2 2	56 29 50 50	1 1 2 1	11 14 50 25	1 4 0 0	11 57 0 0	850 829 842 854	38 29 17 17	22 0 0 25	56 29 50 50	11 14 50 25	11 57 0 0	850 829 842 854						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number Page 6



MATHEMATICS RESULTS

Date: March 2007 8

Grade:

Waterville Public Schools District: **Waterville Junior High School** School:

STUDENTS AT EACH ACHIEVEMENT LEVEL

ACHIEVEMENT LEVEL DEFINITIONS		Sch	nool	Dis	trict	Sta	ite
The quality of a student's work at each achievement level reflects progress in attaining Maine's Level Expectations in mathematics.	's Grade	N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 861–880)	2005-2006	12	7	11	6	1714	11
	2006-2007	6	4	6	5	1952	13
	Cum. Avg.	9	6	9	6	1833	12
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (scaled score 841–860)	2005-2006	53	31	53	31	5533	34
	2006-2007	45	34	44	33	5870	38
	Cum. Avg.	49	32	49	32	5702	36
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 829–840)	2005-2006	58	34	58	34	4764	29
	2006-2007	41	31	41	31	3982	26
	Cum. Avg.	50	33	50	33	4373	28
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 800–828)	2005-2006	47	28	48	28	4251	26
	2006-2007	42	31	42	32	3534	23
	Cum. Avg.	45	29	45	29	3893	25

		nber	Avera	age Point	s Attaine	d (Numbe	r and Pe	rcent)
Learning Results Content Standard Clusters		oints sible	Sch	iool	Dist	trict	Sta	ate
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	7.9	49.4	7.8	48.8	8.8	55.0
Cluster 2: Shape and Size	14	25	6.3	45.0	6.3	45.0	7.3	52.1
Cluster 3: Mathematical Decision Making	8	14	3.9	48.8	3.9	48.8	4.2	52.5
Cluster 4: Patterns	18	32	9.1	50.6	9.1	50.6	10.1	56.1

Cluster 1: Numbers and Operations

- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size

- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making

- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns

- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's Learning Results, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.



MATHEMATICS RESULTS

(CONTINUED)

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

					Sch	nool							Dist	trict					Sta	ate		
REPORTING CATEGORIES	Tested		E		M		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	134	6	4	45	34	41	31	42	31	837	133	5	33	31	32	837	15338	13	38	26	23	842
Ethnicity African American American Indian/Native Alaskan Asian/Pacific Islander Hispanic White Not Reported	2 0 3 3 126 0	6	5	40	32	39	31	41	33	837	2 0 3 3 125 0	5	31	31	33	837	317 102 187 149 14581 2	4 4 14 6 13	25 25 47 34 39	27 33 22 32 26	43 38 17 28 23	832 833 846 838 842
Identified disability Yes No	22 112	0 6	0 5	2 43	9 38	7 34	32 30	13 29	59 26	825 839	22 111	0 5	9 38	32 31	59 26	825 839	2325 13013	1 15	15 42	23 26	61 16	825 845
Limited English proficient students Current LEP in first year Current LEP beyond first year	0 1										0 1						11 256	0 4	27 22	18 29	55 45	825 831
Economically disadvantaged Yes No	66 68	1 5	2 7	17 28	26 41	19 22	29 32	29 13	44 19	832 842	65 68	2 7	25 41	29 32	45 19	832 842	5322 10016	5 17	29 43	29 24	36 16	834 846
Migrant Yes No	0 134	6	4	45	34	41	31	42	31	837	0 133	5	33	31	32	837	7 15331	14 13	0 38	29 26	57 23	832 842
Gender Female Male Not Reported	67 67 0	1 5	1 7	19 26	28 39	21 20	31 30	26 16	39 24	835 839	67 66 0	1 8	28 38	31 30	39 24	835 839	7512 7824 2	12 14	39 38	27 25	22 24	842 842
Title 1A targeted program Yes No	0 134	6	4	45	34	41	31	42	31	837	0 133	5	33	31	32	837	805 14533	2 13	22 39	35 25	41 22	832 842
Gifted/talented program Yes No	0 134	6	4	45	34	41	31	42	31	837	0 133	5	33	31	32	837	555 14783	63 11	35 38	2 27	0 24	866 841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

= Number



MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007

Grade:

District: Waterville Public Schools
School: Waterville Junior High School

4				-,			,															
					Sch	ool							Dist	rict					Sta	ite		
QUESTIONNAIRE ITEMS	Students in Each Category		E	ı	И		P		D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	Jeone	%	%	%	%	%	Jeore	%	%	%	%	%	Jeore
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	13 45 39 4	1 4 1 0	6 7 2 0	6 20 18 1	35 33 35 20	2 17 19 3	12 28 37 60	8 19 14 1	47 32 27 20	830 838 838 836	13 45 38 4	6 7 2 0	35 33 33 20	12 28 37 60	47 32 27 20	830 838 838 836	8 48 39 5	7 11 15 18	27 39 40 36	23 27 26 23	44 23 19 23	832 841 844 843
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class.	37	5	10	21	42	12	24	12	24	842	38	10	42	24	24	842	34	22	43	20	15	848
B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	48 12 3	1 0 0	2 0 0	22 2 0	34 13 0	20 7 2	31 44 50	21 7 2	33 44 50	835 832 830	47 12 3	2 0 0	33 13 0	32 44 50	33 44 50	835 832 830	48 14 3	9 6 5	40 27 14	29 30 22	22 37 59	841 835 827
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	24 43 25 9	5 1 0	16 2 0 0	14 21 10 0	44 37 30 0	7 18 10 6	22 32 30 50	6 17 13 6	19 30 39 50	844 836 834 831	24 42 25 9	16 2 0	44 36 30 0	22 32 30 50	19 30 39 50	844 836 834 831	24 46 24 6	34 9 2 1	43 45 27 13	13 27 36 33	10 19 35 52	853 842 833 827
How difficult was the mathematics part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	29 57 14	0 4 2	0 5 11	8 29 8	21 38 44	17 18 6	44 24 33	14 25 2	36 33 11	833 838 844	30 57 14	0 5 11	21 37 44	44 24 33	36 33 11	833 838 844	31 53 16	3 11 38	31 43 38	32 27 12	34 19 12	835 843 854
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	48 45 7	1 5 0	2 8 0	18 26 1	28 43 11	21 14 5	33 23 56	24 15 3	38 25 33	835 840 828	48 45 7	2 8 0	28 42 11	33 24 56	38 25 33	835 840 828	42 51 6	10 15 13	38 40 27	28 25 24	23 20 36	841 844 837
How often do you use laptops in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never	4 7 29 60	0 0 1 5	0 0 3 6	2 3 9 31	40 33 23 38	2 2 13 24	40 22 33 30	1 4 16 21	20 44 41 26	842 831 833 839	4 7 29 60	0 0 3 6	40 33 23 38	40 22 33 30	20 44 41 26	842 831 833 839	6 13 39 41	10 9 13 14	33 36 40 38	25 28 27 24	32 27 19 23	838 839 843 842
Which statement best describes the use of calculators in mathematics class? A. Calculators are used daily. B. Calculators are used once or twice a week. C. Calculators are used once or twice a month. D. Calculators are rarely or never used.	74 23 1	6 0 0	6 0 0	33 11 1 0	33 35 50 0	30 10 0	30 32 0 50	30 10 1	30 32 50 50	838 836 834 821	74 23 2 2	6 0 0	33 35 50 0	31 32 0 50	31 32 50 50	838 836 834 821	38 37 13 13	15 12 11 9	41 38 36 33	24 27 27 27	19 23 26 31	844 842 840 838
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult." A. strongly agree B. agree C. disagree D. strongly disagree	62 32 3 3	5 1 0	6 2 0	28 15 1	34 35 25 25	23 15 1	28 35 25 50	27 12 2 1	33 28 50 25	837 837 831 836	62 32 3	6 2 0	33 35 25 25	28 35 25 50	33 28 50 25	837 837 831 836	56 37 5 2	16 9 6 3	42 36 28 17	24 29 26 29	18 26 40 51	845 840 834 828
Optional school/district question A. B. C. D.	38 29 17 17	0 0 0	0 0 0 0	3 1 1 2	33 14 25 50	3 2 1 1	33 29 25 25	3 4 2 1	33 57 50 25	839 828 836 839	38 29 17 17	0 0 0	33 14 25 50	33 29 25 25	33 57 50 25	839 828 836 839						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number Page 9



SCIENCE AND TECHNOLOGY RESULTS

Date: March 2007

Grade:

District: Waterville Public Schools
School: Waterville Junior High School

STUDENTS AT EACH ACHIEVEMENT LEVEL School District State ACHIEVEMENT LEVEL DEFINITIONS Ν % Ν % Ν % The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Span Expectations in science and technology. Exceeds the Standards - The student's work demonstrates in-depth understanding of essential concepts 2005-2006 21 12 20 12 1879 12 in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes 2006-2007 22 22 17 2192 14 16 of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and Cum. Avg. 22 14 21 14 2036 13 communicate logical conclusions. (scaled score 861–880) Meets the Standards - The student's work demonstrates a general understanding of essential concepts in 2005-2006 102 102 8604 60 60 53 science, including the ability to make connections among central ideas. The student's responses demonstrate 2006-2007 57 76 57 52 the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central 77 7916 concepts with sufficient clarity and accuracy to demonstrate general understanding. 90 59 89 59 8260 52 Cum. Avg. (scaled score 841-860) Partially Meets the Standards - The student's work demonstrates incomplete understanding of essential 2005-2006 28 17 29 17 22 3618 concepts in science and inconsistent connections among central ideas. The student's responses demonstrate 2006-2007 26 26 22 19 20 3340 some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Cum. Avg. 27 18 28 18 3479 22 Explanation of concepts may be incomplete or unclear. (scaled score 831–840) Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts 2005-2006 18 11 18 2174 13 11 in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate 2006-2007 7 9 7 9 1865 12 minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and 9 9 14 14 2020 13 Cum. Avg. explanations are illogical, incomplete, or missing. (scaled score 800–830)

		nber	Average Points Attained (Number and Percent)											
Learning Results Content Standard Clusters	1	oints sible	Sch	ool	Dist	trict	Sta	ate						
	N	%	N	%	N	%	N	%						
Cluster 1: Life Sciences	14	25	9.0	64.3	9.0	64.3	8.8	62.9						
Cluster 2: Physical Sciences	14	25	8.9	63.6	8.8	62.9	8.4	60.0						
Cluster 3: Earth and Space Sciences	14	25	8.0	57.1	8.0	57.1	7.0	50.0						
Cluster 4: Nature and Implications of Science	14	25	8.1	57.9	8.1	57.9	8.0	57.1						

Cluster 1: Life Sciences

A. Classifying Life Forms

B. Ecology

C. Cells

Cluster 2: Physical Sciences

E. Structure of Matter

H. Energy

I. Motion

Cluster 3: Earth and Space Sciences

D. Continuity and Change

F. The Earth

G. The Universe

Cluster 4: Nature and Implications of Science

J. Inquiry and Problem Solving

K. Scientific Reasoning

L. Communication

M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine's Learning Results, which are the basis for science and technology Grade Span Expectations. Each item on the MEA measures a grade span expectation, which can be found at http://www.maine.gov/education/lsalt/gles. htm.



SCIENCE AND TECHNOLOGY RESULTS

(CONTINUED)

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

4							11110	,									I					
DEDORTING					Sch	nool				T		1	Dis	trict		1	ļ					
REPORTING CATEGORIES	Tested	I	E		М		Р		D	Mean Scaled Score	Tested	E	М	Р	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	134	22	16	77	57	26	19	9	7	850	133	17	57	20	7	850	15313	14	52	22	12	847
Ethnicity African American American Indian/Native Alaskan Asian/Pacific Islander Hispanic White Not Reported	2 0 3 3 126 0	19	15	73	58	25	20	9	7	849	2 0 3 3 125 0	15	58	20	7	849	314 101 186 146 14564 2	5 4 14 8 15	39 40 52 49 52	26 36 19 23 22	30 21 15 21 12	839 841 847 843 848
Identified disability Yes No	22 112	2 20	9 18	9 68	41 61	7 19	32 17	4 5	18 4	843 851	22 111	9 18	41 60	32 17	18 5	843 851	2319 12994	2 16	28 56	31 20	38 8	835 850
Limited English proficient students Current LEP in first year Current LEP beyond first year	0 1										0 1						7 252	0	29 31	14 27	57 39	820 835
Economically disadvantaged Yes No	66 68	3 19	5 28	39 38	59 56	16 10	24 15	8	12 1	845 854	65 68	5 28	58 56	25 15	12 1	845 854	5307 10006	6 19	44 56	29 18	21 7	842 850
Migrant Yes No	0 134	22	16	77	57	26	19	9	7	850	0 133	17	57	20	7	850	7 15306	0 14	43 52	14 22	43 12	837 847
Gender Female Male Not Reported	67 67 0	9 13	13 19	38 39	57 58	14 12	21 18	6 3	9 4	848 852	67 66 0	13 20	57 58	21 18	9 5	848 852	7502 7809 2	13 15	51 52	24 20	11 13	847 848
Title 1A targeted program Yes No	0 134	22	16	77	57	26	19	9	7	850	0 133	17	57	20	7	850	800 14513	5 15	38 52	35 21	22 12	841 848
Gifted/talented program Yes No	0 134	22	16	77	57	26	19	9	7	850	0 133	17	57	20	7	850	553 14760	61 13	37 52	1 23	0 13	865 847



SCIENCE AND TECHNOLOGY RESULTS

(QUESTIONNAIRE ITEMS)

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

	140.						,															
					Sch	ool						State										
QUESTIONNAIRE ITEMS	Students in Each Category	:h E		М			P		D	Mean Scaled Score	Students in Each Category	E	М	P	D	Mean Scaled Score	Students in Each Category	E	М	Р	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%	Jeone	%	%	%	%	%	Jeone	%	%	%	%	%	Jeore
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	13 45 39 4	1 14 7 0	6 23 13 0	9 30 34 4	53 50 65 80	4 11 10 1	24 18 19 20	3 5 1 0	18 8 2 0	843 850 851 853	13 45 38 4	6 23 14 0	53 50 65 80	24 18 20 20	18 8 2 0	843 850 851 853	8 48 39 5	7 13 18 18	40 52 54 51	25 23 20 19	28 12 8 13	840 847 850 848
How well do the questions that you have just been given on this MEA test match what you have learned in school about science? A. The questions on the test match what I have learned in science class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	45 46 9 1	13 7 2 0	22 11 17 0	38 34 5 0	63 56 42 0	7 14 4 1	12 23 33 100	2 6 1 0	3 10 8 0	852 848 847 840	45 45 9 1	22 12 17 0	63 55 42 0	12 23 33 100	3 10 8 0	852 848 847 840	27 49 19 4	16 15 13 7	54 52 51 43	20 22 23 26	10 12 13 25	849 848 847 841
Which of the following best describes how you rate yourself as a student in science? A. very good B. good C. fair D. poor	33 39 22 6	10 12 0	23 23 0 0	32 26 16 3	73 50 53 38	1 11 10 4	2 21 33 50	1 3 4 1	2 6 13	856 851 842 839	33 38 23 6	23 24 0	73 49 53 38	2 22 33 50	2 6 13 13	856 851 842 839	21 54 21 3	28 14 5 2	53 55 46 36	13 21 31 32	7 10 18 31	853 848 842 837
How difficult was the science part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	18 63 19	2 12 8	8 14 32	13 49 15	54 58 60	7 19 0	29 22 0	2 5 2	8 6 8	847 849 855	18 63 19	8 14 32	54 57 60	29 23 0	8 6 8	847 849 855	33 57 10	14 14 19	51 53 52	23 22 17	13 11 13	847 848 849
How hard did you try on the science part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	49 46 5	9 12 1	14 20 14	36 36 4	55 59 57	16 10 0	25 16 0	4 3 2	6 5 29	849 851 846	49 45 5	14 20 14	55 58 57	25 17 0	6 5 29	849 851 846	41 53 5	14 15 8	53 52 41	21 22 26	11 11 25	848 848 841
Which statement describes how often and how long your science class meets? A. We meet every day for 45 minutes to an hour. B. We meet on alternate days for 80 to 90 minutes. C. We meet every day for 45 minutes, plus a longer lab period each week. D. We have a flexible schedule depending on the activities.	93 1 3 3	21 1 0	17 50 0	74 1 1	60 50 25 25	21 0 3 2	17 0 75 50	8 0 0	6 0 0 25	850 856 839 839	93 1 3 3	17 100 0 0	60 0 25 25	17 0 75 50	6 0 0 25	850 862 839 839	68 16 6 10	16 13 13 9	54 49 46 46	21 23 25 25	10 14 16 20	849 846 845 843
Which courses do you plan to take before you graduate from high school? A. earth and space science and/or biology B. the course(s) described in A, plus chemistry C. the course(s) described in B, plus physics D. a life science and physical science class	27 26 21 26	3 7 10 2	9 21 37 6	23 20 14 17	66 61 52 52	7 4 3 11	20 12 11 33	2 2 0 3	6 6 0 9	849 851 858 845	28 25 21 26	9 22 37 6	66 59 52 52	20 13 11 33	6 6 0 9	849 851 858 845	26 23 22 28	8 16 30 7	54 54 48 51	24 19 14 28	13 12 8 13	845 848 853 845
How do you feel about the following statement? "My knowledge of science and technology will be useful to me as an adult." A. strongly agree B. agree C. disagree	34 48 15	10 12 0	22 19 0	27 35 11	60 55 55	6 13 6	13 20 30	2 4 3	4 6 15	852 851 841	34 47 15	22 19 0	60 54 55	13 21 30	4 6 15	852 851 841	29 54 13	19 14 7	53 52 49	17 22 28	10 11 16	850 848 844
D. strongly disagree Optional school/district question A. B. C. D.	38 29 17	0 3 1 0 2	0 33 14 0 50	4 4 5 3	80 44 71 75 25	2 0 1	20 22 0 25 25	0 0 1 0	0 0 14 0	850 856 847 850 855	4 38 29 17 17	0 33 14 0 50	80 44 71 75 25	20 22 0 25 25	0 0 14 0 0	850 856 847 850 855	3	4	46	27	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number Page 12



ELA-WRITING RESULTS

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

			STUDENT	NTS AT EACH ACHIEVEMENT LEVEL								
	-	Sch	nool	Dis	trict	Sta	ite					
ACHIEVEMENT LEVEL DEFINITIONS												
The quality of a student's work at each achievement level reflects progress in attaining Maine Level Expectations in English language arts – writing.	N	%	N	%	N	%						
Exceeds the Standards – The student's response demonstrates the skillful ability to use mode, style, tone, and word choices to achieve the desired purpose for the writing. The response is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 861–880)	2005-2006 2006-2007 Cum. Avg.	2 2	1 1	2 2	1 1	285 285	2 2					
Meets the Standards – The student's response demonstrates the ability to use mode, style, tone, and word choices to achieve the desired purpose for the writing. The response is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 841–860)	2005-2006 2006-2007 Cum. Avg.	51 51	38 38	51 51	38 38	6948 6948	46 46					
Partially Meets the Standards – The student's response demonstrates inconsistent ability to use mode, style, tone, and word choices to achieve the desired purpose for the writing. The response is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 817–840)	2005-2006 2006-2007 Cum. Avg.	71 71	53 53	70 70	52 52	6873 6873	45 45					
Does Not Meet the Standards – The student's response demonstrates limited ability to use mode, style, tone, and word choices to achieve the desired purpose for the writing. The response is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interferes with understanding. (scaled score 800–816)	2005-2006 2006-2007 Cum. Avg.	11 11	8 8	11 11	8 8	1125 1125	7 7					

		nber	Average Points Attained (Number and Percent)											
Learning Results Content Standard Cluster		oints sible	Sch	iool	Dist	trict	Sta	ate						
	N	%	N	%	N	%	N	%						
Total Writing (Standards F & G)	20	100	10.0	50.0	10.1	50.5	10.4	52.0						
Stylistic and Rhetorical Aspects of Writing (Standard G)	12	60	5.1	42.5	5.1	42.5	5.3	44.2						
Standard English Conventions (Standard F)	8	40	5.0	62.5	5.0	62.5	5.2	65.0						

The MEA assesses students' writing skills through their responses to one common prompt. The goal is to provide an opportunity for students to write narrative (grade 5) or persuasive/argumentative (grade 8) writing responses. Content standards F and G are defined in Maine's *Learning Results* which can be found at http://www.maine.gov/education/lsalt/gles.htm.



ELA-WRITING RESULTS

(CONTINUED)

Date: March 2007

Grade:

District: Waterville Public Schools School: Waterville Junior High School

	School											District							State							
REPORTING CATEGORIES	Tested		E		M		P	ı	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled Score				
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score				
All Students	135	2	1	51	38	71	53	11	8	834	134	1	38	52	8	834	15231	2	46	45	7	836				
Ethnicity African American American Indian/Native Alaskan Asian/Pacific Islander Hispanic White Not Reported	2 0 3 3 127 0	2	2	48	38	68	54	9	7	834	2 0 3 3 126 0	2	38	53	7	834	305 102 186 145 14491 2	1 1 2 0 2	37 25 49 37 46	50 58 39 57 45	12 17 10 6 7	832 829 837 834 836				
Identified disability Yes No	22 113	0 2	0 2	1 50	5 44	15 56	68 50	6 5	27 4	821 837	22 112	0 2	5 45	68 49	27 4	821 837	2282 12949	0 2	12 52	58 43	30 3	823 838				
Limited English proficient students Current LEP in first year Current LEP beyond first year	0										0 1						5 250	0	20 30	40 55	40 15	821 830				
Economically disadvantaged Yes No	67 68	0 2	0	16 35	24 51	44 27	66 40	7 4	10 6	831 838	66 68	0 3	24 51	65 40	11 6	831 838	5264 9967	1 3	33 52	54 40	12 5	832 838				
Migrant Yes No	0 135	2	1	51	38	71	53	11	8	834	0 134	1	38	52	8	834	7 15224	0 2	43 46	29 45	29 7	829 836				
Gender Female Male Not Reported	68 67 0	1 1	1 1	35 16	51 24	31 40	46 60	1 10	1 15	838 830	68 66 0	1 2	51 24	46 59	1 15	838 830	7476 7753 2	3 1	58 34	37 53	3 12	840 832				
Title 1A targeted program Yes No	0 135	2	1	51	38	71	53	11	8	834	0 134	1	38	52	8	834	796 14435	0 2	32 46	58 44	10 7	831 836				
Gifted/talented program Yes No	0 135	2	1	51	38	71	53	11	8	834	0 134	1	38	52	8	834	553 14678	10 2	74 45	16 46	0 8	847 835				

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested.

I = Number